PTO/SB/08A (10-01)

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tate for form 1449A/PTO Complete if Known 10/067,496 Application Number INFORMATION DISCLOSURE February 4, 2002 Filing Date STATEMENT BY APPLICANT Ghobad HEIDARI First Named Inventor (use as many sheets as necessary) 2611 Art Unit Don Nguyen Vo Examiner Name 22 Attorney Docket Number 046301/053000 **QST-053 US** 

		U.	S. PATENT DOCU	MENTS	
Examiner	Cite No.1	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Initials*	Che 140.	Number - Kind Code <sup>2</sup> (if known)		Applicant of Cited Document	
	1.	US 3,409,175	11-05-1968	Byrne	
	2.	US 3,666,143	05-30-1972	Weston	
	3.	US 3,938,639	02-17-1976	Birrell	
	4.	US 3,949,903	04-13-1976	Benasutti et al.	
•	5.	US 3,960,298	06-01-1976	Birrell	
	6.	US 3,967,062	06-29-1976	Dobias	
	7.	US 3,991,911	11-16-1976	Shannon et al.	
	8.	US 3,995,441	12-07-1976	McMillin	
	9.	US 4,076,145	02-28-1978	Zygiel, deceased	
	10.	US 4,143,793	03-13-1979	McMillin et al.	
	11.	US 4,172,669	10-30-1979	Edelbach	
	12.	US 4,174,872	11-20-1979	Fessler	
	13.	US 4,181,242	01-01-1980	Zygiel, deceased et al.	
	14.	US 4,218,014	08-19-1980	Tracy	
	15.	US 4,222,972	09-16-1980	Caldwell	
	16.	US 4,237,536	12-02-1980	Enelow et al.	
	17.	US 4,252,253	02-24-1981	Shannon	
	18.	US 4,302,775	11-24-1981	Widergren et al.	
	19.	US 4,333,587	06-08-1982	Fessler et al.	
	20.	US 4,354,613	10-19-1982	Desai et al.	
	21.	US 4,377,246	03-22-1983	McMillin et al.	
	22.	US 4,393,468	07-12-1983	New	
	23.	US 4,413,752	11-08-1983	McMillin et al.	
	24.	US 4,458,584	07-10-1984	Annese et al.	
	25.	US 4,466,342	08-21-1984	Basile et al.	
	26.	US 4,475,448	10-09-1984	Shoaf et al.	
	27.	US 4,509,690	04-09-1985	Austin et al.	
_	28.	US 4,520,950	06-04-1985	Jeans	
	29.	US 4,549,675	10-29-1985	Austin	
	30.	US 4,553,573	11-19-1985	McGarrah	
	31.	US 4,560,089	12-24-1985	McMillin et al.	<u> </u>
	32.	US 4,577,782	03-25-1986	Fessler	<u> </u>
	33.	US 4,578,799	03-25-1986	Scholl et al.	
	34.	US 4,633,386	12-30-1986	Terepin et al.	
	35.	US 4,658,988	04-21-1987	Hassell	<del>                                     </del>
	36.	US 4,694,416	09-15-1987	Wheeler et al	<u> </u>
	37.	US 4,711,374	12-08-1987	Gaunt et al.	

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at 222 uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Complete if Known Substitute for form 1449A/PTO 10/067,496 **Application Number** INFORMATION DISCLOSURE February 4, 2002 Filing Date STATEMENT BY APPLICANT Ghobad HEIDARI First Named Inventor (use as many sheets as necessary) 2611 Art Unit Don Nguyen Vo Examiner Name Sheet Attorney Docket Number 046301/053000 **QST-053 US** 

		U	.S. PATENT DOCU	MENTS	
Examiner Initials*	Cite No.1	U.S. Patent Document  Number – Kind Code² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Cohimns, Lines, Where Relevant Passages or Relevant Figures Appear
	38.	US 4,713,755	12-15-1987	Worley, Jr. et al.	
	39.	US 4,719,056	01-12-1988	Scott	
	40.	US 4,726,494	02-23-1988	Scott	
	41.	US 4,747,516	05-31-1988	Baker	
	42.	US 4,748,585	05-31-1988	Chiarulli et al.	
	43.	US 4,760,525	07-26-1988	Webb	
	44.	US 4,760,544	07-26-1988	Lamb	
	45.	US 4,765,513	08-23-1988	McMillin et al.	
	46.	US 4,766,548	08-23-1988	Cedrone et al.	
	47.	US 4,781,309	11-01-1988	Vogel	
	48.	US 4,800,492	01-24-1989	Johnson et al.	-
	49.	US 4,811,214	03-07-1989	Nosenchuck et al.	
-	50.	US 4,824,075	04-25-1989	Holzboog	
	51.	US 4,827,426	05-02-1989	Patton et al.	
	52.	US 4,850,269	07-25-1989	Hancock et al.	
	53.	US 4,856,684	08-15-1989	Gerstung	
	54.	US 4,901,887	02-20-1990	Burton	
	55.	US 4,921,315	05-01-1990	Metcalfe et al.	
	56.	US 4,930,666	06-05-1990	Rudick	
	57.	US 4,932,564	06-12-1990	Austin, deceased et al.	
	58.	US 4,936,488	06-26-1990	Austin	
	59.	US 4,937,019	06-26-1990	Scott	
	60.	US 4,960,261	10-02-1990	Scott, et al.	-
	61.	US 4,961,533	10-09-1990	Teller et al.	
	62.	US 4,967,340	10-30-1990	Dawes	
	63.	US 4,974,643	12-04-1990	Bennett et al.	
	64.	US 4,982,876	01-08-1991	Scott	
	65.	US 4,993,604	02-19-1991	Gaunt et al.	
	66.	US 5,007,560	04-16-1991	Sassak	
	67.	US 5,021,947	06-04-1991	Campbell et al.	
	68.	US 5,040,106	08-13-1991	Maag	
	69.	US 5,044,171	09-03-1991	Farkas	
	70.	US 5,090,015	02-18-1992	Dabbish et al.	
	71.	US 5,129,549	07-14-1992	Austin	-
	72.	US 5,139,708	08-18-1992	Scott	
	73.	US 5,156,301	10-20-1992	Hassell et al.	-
	74.	US 5,156,871	10-20-1992	Goulet et al.	<del></del>

Examiner	Date
Signature	Considered

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U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	
Tilluais		Number - Kind Code <sup>2</sup> (if known)	MM-DD-1111	Applicant of Cited Document	or Relevant Figures Appear	
_	75.	US 5,165,575	11-24-1992	Scott		
	76.	US 5,190,083	03-02-1993	Gupta et al.		
	77.	US 5,190,189	03-02-1993	Zimmer et al.		
	78.	US 5,193,151	03-09-1993	Jain		
	79.	US 5,193,718	03-16-1993	Hassell et al.		
	80.	US 5,202,993	04-13-1993	Tarsy et al.		
	81.	US 5,203,474	04-20-1993	Haynes		
	82.	US 5,240,144	08-31-1993	Feldman		
	83.	US 5,261,099	11-09-1993	Bigo et al.		
	84.	US 5,263,509	11-23-1993	Cherry et al.		
	85.	US 5,269,442	12-14-1993	Vogel		
	86.	US 5,280,711	01-25-1994	Motta et al.		
	87.	US 5,297,400	03-29-1994	Benton et al.		
	88.	US 5,301,100	04-05-1994	Wagner		
	89.	US 5,303,846	04-19-1994	Shannon		
	90.	US 5,335,276	08-02-1994	Thompson et al.		
	91.	US 5,339,428	08-16-1994	Burmeister et al.		
	92.	US 5,343,716	09-06-1994	Swanson et al.		
	93.	US 5,361,362	11-01-1994	Benkeser et al.		
	94.	US 5,368,198	11-29-1994	Goulet		
	95.	US 5,379,343	01-03-1995	Grube et al.		
	96.	US 5,381,546	01-10-1995	Servi et al.		
	97.	US 5,381,550	01-10-1995	Jourdenais et al.		
· · · · · · · · · · · · · · · · · · ·	98.	US 5,388,212	02-07-1995	Grube et al.		
	99.	US 5,392,960	02-28-1995	Kendt et al.		
	100.	US 5,437,395	08-01-1995	Bull et al.		
	101.	US 5,450,557	09-12-1995	Kopp et al.		
	102.	US 5,454,406	10-03-1995	Rejret et al.		
	103.	US 5,465,368	11-07-1995	Davidson et al.		
	104.	US 5,479,055	12-26-1995	Eccles		
	105.	US 5,490,165	02-06-1996	Blakeney II et al.		
	106.	US 5,491,823	02-13-1996	Ruttenberg		
	107.	US 5,507,009	04-09-1996	Grube et al.		
	108.	US 5,515,519	05-07-1996	Yoshioka et al.		
	109.	US 5,517,600	05-14-1996	Shimokawa	<del></del>	
	110.	US 5,519,694	05-21-1996	Brewer et al.		
	111.	US 5,522,070	05-28-1996	Sumimoto	· · · · · · · · · · · · · · · · · · ·	

Examiner	Date	
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Signature	Considered	
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		U	.S. PATENT DOCU	MENTS	
Examiner Initials*	Cite No.1	U.S. Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages
Initials		Number – Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear
	112.	US 5,530,964	06-25-1996	Alpert et al.	
	113.	US 5,534,796	07-09-1996	Edwards	
	114.	US 5,542,265	08-06-1996	Rutland	
	115.	US 5,553,755	09-10-1996	Bonewald et al.	
	116.	US 5,555,417	09-10-1996	Odnert et al.	
	117.	US 5,560,028	09-24-1996	Sachs et al.	
	118.	US 5,560,038	09-24-1996	Haddock	
•	119.	US 5,570,587	11-05-1996	Kim	
	120.	US 5,572,572	11-05-1996	Kawan et al.	
	121.	US 5,590,353	12-31-1996	Sakakibara et al.	
	122.	US 5,594,657	01-14-1997	Cantone et al.	
	123.	US 5,600,810	02-04-1997	Ohkami	
	124.	US 5,600,844	02-04-1997	Shaw et al.	
	125.	US 5,602,833	02-11-1997	Zehavi	
	126.	US 5,603,043	02-11-1997	Taylor et al.	
	127.	US 5,607,083	03-04-1997	Vogel et al.	· · · · · · · · · · · · · · · · · · ·
	128.	US 5,608,643	03-04-1997	Wichter et al.	
	129.	US 5,611,867	03-18-1997	Cooper et al.	
	130.	US 5,623,545	04-22-1997	Childs et al.	-
	131.	US 5,625,669	04-29-1997	McGregor et al.	
	132.	US 5,626,407	05-06-1997	Westcott	
	133.	US 5,630,206	05-13-1997	Urban et al.	
	134.	US 5,635,940	06-03-1997	Hickman et al.	
	135.	US 5,646,544	07-08-1997	Iadanza	
	136.	US 5,646,545	07-08-1997	Trimberger et al.	
	137.	US 5,647,512	07-15-1997	Assis Mascarenhas deOliveira et al.	
	138.	US 5,667,110	09-16-1997	McCann et al.	· · · · · · · · · · · · · · · · · · ·
-	139.	US 5,684,793	11-04-1997	Kiema et al.	
	140.	US 5,684,980	11-04-1997	Casselman	
	141.	US 5,687,236	11-11-1997	Moskowitz et al.	
-	142.	US 5,694,613	12-02-1997	Suzuki	
	143.	US 5,694,794	12-09-1997	Jerg et al.	
_	144.	US 5,699,328	12-16-1997	Ishizaki et al.	
	145.	US 5,701,482	12-23-1997	Harrison et al.	
	146.	US 5,704,053	12-30-1997	Santhanam	
* .	147.	US 5,706,191	01-06-1998	Bassett et al.	

Examiner	Date
Signature	Considered

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	_	U	.S. PATENT DOCU	MENTS	-
Examiner Initials*	Cite No.1	U.S. Patent Document  Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	148.	US 5,706,976	01-13-1998	Purkey	- <del> </del>
_	149.	US 5,712,996	01-27-1998	Schepers	
	150.	US 5,720,002	02-17-1998	Wang	
	151.	US 5,721,693	02-24-1998	Song	
	152.	US 5,721,854	02-24-1998	Ebicioglu et al.	
	153.	US 5,732,563	03-31-1998	Bethuy et al.	
	154.	US 5,734,808	03-31-1998	Takeda	
	155.	US 5,737,631	04-07-1998	Trimberger	
	156.	US 5,742,180	04-21-1998	DeHon et al.	
	157.	US 5,742,821	04-21-1998	Prasanna	
	158.	US 5,745,366	04-28-1998	Highma et al.	
	159.	US 5,751,295	05-12-1998	Becklund et al.	
	160.	US 5,754,227	05-19-1998	Fukuoka	
-	161.	US 5,758,261	05-26-1998	Weideman	
	162.	US 5,768,561	06-16-1998	Wise	
	163.	US 5,778,439	07-07-1998	Trimberger et al.	
	164.	US 5,784,636	07-21-1998	Rupp	
	165.	US 5,787,237	07-28-1998	Reilly	
=	166.	US 5,790,817	08-04-1998	Asghar et al.	
	167.	US 5,791,517	08-11-1998	Avital	
	168.	US 5,791,523	08-11-1998	Oh	
	169.	US 5,794,062	08-11-1998	Baxter	
	170.	US 5,794,067	08-11-1998	Kadowaki	
	171.	US 5,802,055	09-01-1998	Krein et al.	
	172.	US 5,818,603	10-06-1998	Motoyama	
	173.	US 5,822,308	10-13-1998	Weigand et al.	•
	174.	US 5,822,313	10-13-1998	Malek et al.	
	175.	US 5,822,360	10-13-1998	Lee et al.	
	176.	US 5,828,858	10-27-1998	Athanas et al.	
	177.	US 5,829,085	11-03-1998	Jerg et al.	
	178.	US 5,835,753	11-10-1998	Witt	
	179.	US 5,838,165	11-17-1998	Chatter	
	180.	US 5,845,815	12-08-1998	Vogel	
	181.	US 5,860,021	01-12-1999	Klingman	
	182.	US 5,862,961	01-26-1999	Motta et al.	
	183.	US 5,870,427	02-09-1999	Teidemann, Jr. et al.	
	184.	US 5,873,045	02-16-1999	Lee et al.	

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Examiner	Date	
Signature	Considered	

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Substitute	Substitute for form 1449A/PTO			Complete if Known		
INFORMATION DISCLOSURE			OSURE	Application Number	10/067,496	
		Filing Date	February 4, 2002			
SIAI	STATEMENT BY APPLICANT		First Named Inventor	Ghobad HEIDARI		
	(use as many sheets a	as necessary)		Art Unit	2611	
				Examiner Name	Don Nguyen Vo	
Sheet	6	of	22	Attorney Docket Number	046301/053000	

		U	.S. PATENT DOCU	MENTS	
Examiner	Cite No.1	U.S. Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages
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	185.	US 5,881,106	03-09-1999	Cartier	
	186.	US 5,884,284	03-16-1999	Peters et al.	
	187.	US 5,886,537	03-23-1999	Macias et al.	
	188.	US 5,887,174	03-23-1999	Simons et al.	
	189.	US 5,889,816	03-30-1999	Agrawal et al.	
	190.	US 5,890,014	03-30-1999	Long	
	191.	US 5,892,900	04-06-1999	Ginter et al.	
	192.	US 5,892,961	04-06-1999	Trimberger	
	193.	US 5,894,473	04-13-1999	Dent	
	194.	US 5,901,884	05-11-1999	Goulet et al.	
	195.	US 5,903,886	05-11-1999	Heimlich et al.	
	196.	US 5,907,285	05-25-1999	Toms et al.	
	197.	US 5,907,580	05-25-1999	Cummings	
	198.	US 5,910,733	06-08-1999	Bertolet et al.	
<u>.</u>	199.	US 5,912,572	06-15-1999	Graf, III	
	200.	US 5,913,172	06-15-1999	McCabe et al.	
	201.	US 5,917,852	06-29-1999	Butterfield et al.	
	202.	US 5,920,801	07-06-1999	Thomas et al.	
	203.	US 5,931,918	08-03-1999	Row et al.	
	204.	US 5,933,642	08-03-1999	Greenbaum et al.	
	205.	US 5,940,438	08-17-1999	Poon et al.	
	206.	US 5,949,415	09-07-1999	Lin et al.	
	207.	US 5,950,011	09-07-1999	Albrecht et al.	
	208.	US 5,950,131	09-07-1999	Vilmur	
	209.	US 5,951,674	09-14-1999	Moreno	
	210.	US 5,953,322	09-14-1999	Kimball	
	211.	US 5,956,518	09-21-1999	DeHon et al.	
	212.	US 5,956,967	09-28-1999	Kim	
	213.	US 5,959,811	09-28-1999	Richardson	
	214.	US 5,959,881	09-28-1999	Trimberger et al.	
	215.	US 5,963,048	10-05-1999	Harrison et al.	
	216.	US 5,966,534	10-12-1999	Cooke et al.	
	217.	US 5,970,254	10-19-1999	Cooke et al.	
	218.	US 5,987,105	11-16-1999	Jenkins et al.	
	219.	US 5,987,611	11-16-1999	Freund	
	220.	US 5,991,302	11-23-1999	Berl et al.	<del>- </del>
	221.	US 5,991,308	11-23-1999	Fuhrmann et al.	

Examiner	Date	
Signature	Cons	sidered

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Substitute	Substitute for form 1449A/PTO		Complete if Known		
INFORMATION DISCLOSURE			LOSURE	Application Number	10/067,496
			=	Filing Date	February 4, 2002
STATEMENT BY APPLICANT		First Named Inventor	Ghobad HEIDARI		
	(use as many sheets a	is necessary)	)	Art Unit	2611
				Examiner Name	Don Nguyen Vo
Sheet	7	of	22	Attorney Docket Number	046301/053000 QST-053 US

		U	.S. PATENT DOCU	MENTS	
Examiner Initials*	Cite No.1	U.S. Patent Document  Number – Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	200		44.00.4000		8
	222.	US 5,993,739	11-30-1999	Lyon	
	223.	US 5,999,734	12-07-1999	Willis et al.	
	224.	US 6,005,943	12-21-1999	Cohen et al	
	225.	US 6,006,249	12-21-1999	Leong	
	226.	US 6,016,395	01-18-2000	Mohamed	
	227.	US 6,021,186	02-01-2000	Suzuki et al	
	228.	US 6,021,492	02-01-2000	May	
	229.	US 6,023,742	02-08-2000	Ebeling et al.	
	230.	US 6,023,755	02-08-2000	Casselman	
	231.	US 6,028,610	02-22-2000	Deering	
	232.	US 6,036,166	03-14-2000	Olson	
	233.	US 6,039,219	03-21-2000	Bach et al.	
	234.	US 6,041,322	03-21-2000	Meng et al.	
	235.	US 6,041,970	03-28-2000	Vogel	
-	236.	US 6,046,603	04-04-2000	New	
	237.	US 6,047,115	04-04-2000	Mohan et al	
	238.	US 6,052,600	04-18-2000	Fette et al.	
	239.	US 6,055,314	04-25-2000	Spies et al.	
	240.	US 6,056,194	05-02-2000	Kolls	
	241.	US 6,059,840	05-09-2000	Click, Jr.	
	242.	US 6,061,580	05-09-2000	Altschul et al.	
-	243.	US 6,073,132	06-06-2000	Gehman	
	244.	US 6,076,174	06-13-2000	Freund	
	245.	US 6,078,736	06-20-2000	Guccione	
	246.	US 6,085,740	07-11-2000	Ivri et al.	
-	247.	US 6,088,043	07-11-2000	Kelleher et al.	
	248.	US 6,091,263	07-18-2000	New et al.	
	249.	US 6,091,765	07-18-2000	Pietzold, III et al.	
	250.	US 6,094,065	07-25-2000	Tavana et al.	
	251.	US 6,094,726	07-25-2000	Gonion et al.	
	252.	US 6,111,893	08-29-2000	Volftsun et al.	
	253.	US 6,111,935	08-29-2000	Hughes-Hartogs	
	254.	US 6,115,751	09-05-2000	Tam et al.	<u> </u>
	255.	US 6,120,551	09-19-2000	Law et al.	··
	256.	US 6,122,670	09-19-2000	Bennett et al.	
	257.	US 6,138,693	10-31-2000	Matz	-
	258.	US 6,141,283	10-31-2000	Bogin et al.	

Examiner	Date	
Signature	Considered	_

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INFORMATION DISCLOSURE			LOSURE	Application Number	10/067,496
STATEMENT BY APPLICANT		Filing Date	February 4, 2002		
31/11			First Named Inventor	Ghobad HEIDARI	
	(use as many sheets a	s necessary)		Art Unit	2611
				Examiner Name	Don Nguyen Vo
Sheet	8	of	22	Attorney Docket Number	046301/053000 QST-053 US

			<b>U</b> .:	S. PATENT DOCU	MENTS	
Examiner Initials	Cite No.1	U.S. Patent Document  Number – Kind Code <sup>2</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
-	259.	US 6,150,838		11-21-2000	Wittig et al.	<del>-</del>
	260.	US 6,154,494		11-28-2000	Sugahara et al.	-
••	261.	US 6,157,997		12-05-2000	Oowaki et al.	
	262.	US 6,175,854	B1	01-16-2001	Bretscher	
	263.	US 6,175,892	B1	01-16-2001	Sazzad et al.	
	264.	US 6,181,981	B1	01-30-2001	Varga et al.	
	265.	US 6,185,418	B1	02-06-2001	MacLellan et al.	
	266.	US 6,192,070	B1	02-20-2001	Poon et al.	
	267.	US 6,192,255	B1	02-20-2001	Lewis et al.	
	268.	US 6,192,388	B1	02-20-2001	Cajolet	
	269.	US 6,195,788	B1	02-27-2001	Leaver et al.	
	270.	US 6,198,924	B1	03-06-2001	Ishii et al.	
	271.	US 6,199,181	B1	03-06-2001	Rechef et al.	
	272.	US 6,202,130	B1	03-13-2001	Scales, III et al.	
	273.	US 6,219,697	B1	04-17-2001	Lawande et al.	-
	274.	US 6,219,756	B1	04-17-2001	Kasamizugami	
	275.	US 6,219,780	B1	04-17-2001	Lipasti	
	276.	US 6,223,222	B1	04-24-2001	Fijolek et al.	
	277.	US 6,226,387	B1	05-01-2001	Tewfik et al.	
	278.	US 6,230,307	B1	05-08-2001	Davis et al.	
	279.	US 6,237,029	B1	05-22-2001	Master et al.	
	280.	US 6,246,883	B1	06-12-2001	Lee	
	281.	US 6,247,125	B1	06-12-2001	Noel-Baron et al.	
-	282.	US 6,249,251	B1	06-19-2001	Chang et al.	<del>-</del>
	283.	US 6,258,725	B1	07-10-2001	Lee et al.	
	284.	US 6,263,057	B1	07-17-2001	Silverman	
	285.	US 6,266,760	B1	07-24-2001	DeHon et al.	· ·
	286.	US 6,272,579	B1	08-07-2001	Lentz et al.	
	287.	US 6,281,703	B1	08-28-2001	Furuta et al.	
	288.	US 6,282,627	B1	08-28-2001	Wong et al.	
	289.	US 6,289,375	B1	09-11-2001	Knight et al.	
	290.	US 6,289,434	B1	09-11-2001	Roy	
	291.	US 6,289,488	B1	09-11-2001	Dave et al.	
	292.	US 6,292,822	B1	09-18-2001	Hardwick	
	293.	US 6,292,827	B1	09-18-2001	Raz	
	294.	US 6,292,830	B1	09-18-2001	Taylor et al.	
	295.	US 6,301,653	B1	10-09-2001	Mohamed et al.	

Examiner	Date	
Signature	Considered	

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Substitute	Substitute for form 1449A/PTO		Complete if Known		
INFORMATION DISCLOSURE			OSURE	Application Number	10/067,496
		Filing Date	February 4, 2002		
31A1	STATEMENT BY APPLICANT		First Named Inventor	Ghobad HEIDARI	
	(use as many sheets a	s necessary)		Art Unit	2611
				Examiner Name	Don Nguyen Vo
Sheet	9	of	22	Attorney Docket Number	046301/053000 QST-053 US

			U.S	S. PATENT DOCU	MENTS	
Examiner Initials*	Cite No.1	U.S. Patent Docum Number Kind Code <sup>2</sup> (	<del></del>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	296.	TIC ( 205 014	D1	10.17.2001	B	
	290.	US 6,305,014	B1 B1	10-16-2001 10-30-2001	Roediger et al.	
	297.	US 6,311,149	B1		Ryan et al. Kolls	
	298.	US 6,321,985	B1	11-27-2001	New	
	300.	US 6,346,824		02-12-2002		
	301.	US 6,347,346	B1	02-12-2002	Taylor	
	301.	US 6,349,394	B1	02-19-2002	Brock et al.	
	302.	US 6,353,841	B1	03-05-2002	Marshall et al.	
		US 6,356,994	B1	03-12-2002	Barry et al.	
	304.	US 6,359,248	B1	03-19-2002	Mardi	
	305.	US 6,360,256	B1	03-19-2002	Lim	
	306.	US 6,360,259	B1	03-19-2002	Bradley	
	307.	US 6,360,263	B1	03-19-2002	Kurtzberg et al.	
	308.	US 6,363,411	B1	03-26-2002	Dugan et al.	
	309.	US 6,366,999	B1	04-02-2002	Drabenstott et al.	
	310.	US 6,377,983	B1	04-23-2002	Cohen et al.	
	311.	US 6,378,072	B1	04-23-2002	Collins et al.	
	312.	US 6,381,735	B1	04-30-2002	Hunt	
	313.	US 6,385,751	B1	05-07-2002	Wolf	
	314.	US 6,405,214	B1	06-11-2002	Meade, II	
	315.	US 6,408,039	B1	06-18-2002	Ito	
	316.	US 6,410,941	B1	06-25-2002	Taylor et al.	
	317.	US 6,411,612	B1	06-25-2002	Halford et al.	
	318.	US 6,421,372	B1	07-16-2002	Bierly et al.	
	319.	US 6,421,809	B1	07-16-2002	Wuytack et al.	
	320.	US 6,430,624	B1	08-06-2002	Jamtgaard et al.	-
	321.	US 6,433,578	B1	08-13-2002	Wasson	
	322.	US 6,434,590	B1	08-13-2002	Blelloch et al.	
	323.	US 6,438,737	B1	08-20-2002	Morelli et al.	
	324.	US 6,456,996	B1	09-24-2002	Crawford, Jr. et al.	
	325.	US 6,459,883	B2	10-01-2002	Subramanian et al.	
	326.	US 6,473,609	B1	10-29-2002	Schwartz et al.	
	327.	US 6,507,947	B1	01-14-2003	Schreiber et al.	
	328.	US 6,510,138	B1	01-21-2003	Pannell	
	329.	US 6,510,510	B1	01-21-2003	Garde	
	330.	US 6,538,470	B1	03-25-2003	Langhammer et al.	
	331.	US 6,556,044	B2	04-29-2003	Langhammer et al.	
	332.	US 6,563,891	B1	05-13-2003	Eriksson et al.	<del>                                     </del>

Examiner	Date	
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Substitute	Substitute for form 1449A/PTO			Complete if Known		
INFORMATION DISCLOSURE			OSURE	Application Number	10/067,496	
STATEMENT BY APPLICANT		Filing Date	February 4, 2002			
SIAI			First Named Inventor	Ghobad HEIDARI		
	(use as many sheets a	s necessary)		Art Unit	2611	
				Examiner Name	Don Nguyen Vo	
Sheet	10	of	22	Attorney Docket Number	046301/053000 QST-053 US	

			U.S	S. PATENT DOCU	MENTS	
Examiner	Cite No.1	U.S. Patent Document		Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages
Initials*		Number – Kind Code² (i	if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear
	333.	US 6,570,877	B1	05-27-2003	Kloth et al.	
	334.	US 6,577,678	B2	06-10-2003	Scheuermann	
	335.	US 6,587,684	B1	07-01-2003	Hsu et al.	
	336.	US 6,590,415	B2	07-08-2003	Agrawal et al.	
	337.	US 6,601,086	B1	07-29-2003	Howard et al.	
	338.	US 6,601,158	B1	07-29-2003	Abbott et al.	
	339.	US 6,604,085	B1	08-05-2003	Kolls	
	340.	US 6,606,529	B1	08-12-2003	Crowder, Jr. et al.	
	341.	US 6,615,333	B1	09-02-2003	Hoogerbrugge et al.	
	342.	US 6,618,434	B2	09-09-2003	Heidari-Bateni et al.	
	343.	US 6,640,304	B2	10-28-2003	Ginter et al.	_
	344.	US 6,653,859	B2	11-25-2003	Sihlbom et al.	
	345.	US 6,675,265	B2	01-06-2004	Barroso et al.	
	346.	US 6,691,148	B1	02-10-2004	Zinky et al.	
	347.	US 6,711,617	B1	03-23-2004	Bantz et al.	
	348.	US 6,718,182	B1	04-06-2004	Kung	
	349.	US 6,721,286	B1	04-13-2004	Williams et al.	
	350.		D4	<del></del>	De Oliveira Kastrup Pereira	
		US 6,721,884	B1	04-13-2004	et al.	
	351.	US 6,732,354	B2	05-04-2004	Ebeling et al.	
	352.	US 6,735,621	B1	05-11-2004	Yoakum et al.	
	353.	US 6,738,744	B2	05-18-2004	Kirovski et al.	
	354.	US 6,748,360	B2	06-08-2004	Pitman et al.	
	355.	US 6,754,470	B2	06-22-2004	Hendrickson et al.	
	356.	US 6,760,587	B2	07-06-2004	Holtzman et al.	<u> </u>
	357.	US 6,766,165	B2	07-20-2004	Sharma et al.	
	358.	US 6,778,212	B1	08-17-2004	Deng et al.	
	359.	US 6,785,341	B2	08-31-2004	Walton et al.	
	360.	US 6,819,140	B2	11-16-2004	Yamanaka et al.	
	361.	US 6,823,448	B2	11-23-2004	Roth et al.	
-	362.	US 6,829,633	B2	12-07-2004	Gelfer et al.	
	363.	US 6,832,250	B1	12-14-2004	Coons et al.	
	364.	US 6,836,839	B2	12-28-2004	Master et al.	
	365.	US 6,865,664	B2	03-08-2005	Budrovic et al.	
	366.	US 6,871,236	B2	03-22-2005	Fishman et al.	
	367.	US 6,883,084	B1	04-19-2005	Donohoe	
	368.	US 6,894,996	B2	05-17-2005	Lee	

Examiner	Date
Signature	Considered

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STATEMENT BY APPLICANT		Filing Date	February 4, 2002			
SIAI			First Named Inventor	Ghobad HEIDARI		
	(use as many sheets as necessary)			Art Unit	2611	
		Examiner Name	Don Nguyen Vo			
Sheet	11	of	22	Attorney Docket Number	046301/053000 QST-053 US	

U.S. PATENT DOCUMENTS									
		U.S. Patent Docum	ent			Pages, Columns, Lines,			
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	369.	US 6,901,440	B1	05-31-2005	Bimm et al.				
	370.	US 6,912,515	B2	06-28-2005	Jackson et al.				
	371.	US 6,985,517	B2	01-10-2006	Matsumoto et al.				
	372.	US 6,986,021	B2	01-10-2006	Master et al.				
	373.	US 6,988,139	B1	01-17-2006	Jervis et al.				
	374.	US 7,032,229	B1	04-18-2006	Flores et al.				
	375.	US 7,044,741	B2	05-16-2006	Leem				
	376.	US 7,082,456	B2	07-25-2006	Mani-Meitav et al.				
	377.	US 7,139,910	B1	11-21-2006	Ainsworth et al.				
	378.	US 7,142,731	B1	11-28-2006	Toi				
	379.	US 7,249,242	B2	07-24-2007	Ramchandran				
	380.	US Re. 30,301		06-10-1980	Zygiel, deceased				
	381.	US Re. 32,179		06-10-1986	Sedam et al.				
	382.	US Re. 35,780	-	05-05-1998	Hassell et al.				
	J								

	U.S. PUBLISHED PATENT DOCUMENTS								
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	383.	US 2001/0003191 A1	06-07-2001	Kovacs et al.					
	384.	US 2001/0023482 A1	09-20-2001	Wray					
	385.	US 2001/0029515 A1	10-11-2001	Mirsky					
-	386.	US 2001/0034795 A1	10-25-2001	Moulton et al.					
	387.	US 2001/0039654 A1	11-08-2001	Miyamoto					
	388.	US 2001/0048713 A1	12-06-2001	Medlock et al.					
	389.	US 2001/0048714 A1	12-06-2001	Jha					
	390.	US 2001/0050948 A1	12-13-2001	Ramberg et al.					
	391.	US 2002/0010848 A1	01-24-2002	Kamano et al.					
	392.	US 2002/0015435 A1	02-07-2002	Rieken					
	393.	US 2002/0013799 A1	01-31-2002	Blaker					
	394.	US 2002/0013937 A1	01-31-2002	Ostanevich et al.	-				
	395.	US 2002/0015439 A1	02-07-2002	Kohli et al.					
	396.	US 2002/0023210 A1	02-21-2002	Tuomenoksa et al.					
-	397.	US 2002/0024942 A1	02-28-2002	Tsuneki et al.					
	398.	US 2002/0024993 A1	02-28-2002	Subramanian et al.					

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INFO				Application Number	10/067,496	
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	(use as many sheets as necessary)			Art Unit	2611	
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imaas	_	Number – Kind Code <sup>2</sup> (if kno	own)	MM-DD-1111	Applicant of Cited Document	or Relevant Figures Appear		
	399.	US 2002/0031166	A1	03-14-2002	Subramanian et al.			
	400.	US 2002/0032551	A1	03-14-2002	Zakiya			
	401.	US 2002/0035623	A1	03-21-2002	Lawande et al.			
	402.	US 2002/0041581	A1	04-11-2002	Aramaki			
	403.	US 2002/0042907	A1	04-11-2002	Yamanaka et al.			
	404.	US 2002/0061741	A1	05-23-2002	Leung et al.			
	405.	US 2002/0069282	A1	06-06-2002	Reisman			
	406.	US 2002/0072830	A1	06-13-2002	Hunt			
	407.	US 2002/0078337	A1	06-20-2002	Moreau et al.			
	408.	US 2002/0083305	A1	06-27-2002	Renard et al.			
	409.	US 2002/0083423	A1	06-27-2002	Ostanevich et al.			
	410.	US 2002/0087829	A1	07-04-2002	Snyder et al.			
	411.	US 2002/0089348	A1	07-11-2002	Langhammer			
	412.	US 2002/0101909	A1	08-01-2002	Chen et al.	-		
	413.	US 2002/0107905	A1	08-08-2002	Roe et al.			
	414.	US 2002/0107962	A1	08-08-2002	Richter et al.			
	415.	US 2002/0119803	A1	08-29-2002	Bitterlich et al.			
	416.	US 2002/0120672	A1	08-29-2002	Butt et al.			
	417.	US 2002/0138716	A1	09-26-2002	Master et al.			
	418.	US 2002/0141489	A1	10-03-2002	Imaizumi			
	419.	US 2002/0147845	A1	10-10-2002	Sanchez-Herrero et al.			
	420.	US 2002/0159503	A1	10-31-2002	Ramachandran			
	421.	US 2002/0162026	A1	10-31-2002	Neuman et al.			
	422.	US 2002/0168018	A1	11-14-2002	Scheuermann			
	423.	US 2002/0181559	A1	12-05-2002	Heidari-Bateni et al.	-		
	424.	US 2002/0184291	A1	12-05-2002	Hogenauer			
	425.	US 2002/0184498	A1	12-05-2002	Qi			
	426.	US 2002/0191790	A1	12-19-2002	Anand et al.			
	427.	US 2003/0007606	A1	01-09-2003	Suder et al.			
	428.	US 2003/0012270	A1	01-16-2003	Zhou et al.			
	429.	US 2003/0018446	A1	01-23-2003	Makowski et al.			
	430.	US 2003/0018700	A1	01-23-2003	Giroti et al.	-		
	431.	US 2003/0023830	A1	01-30-2003	Hogenauer	<del>                                     </del>		
-	432.	US 2003/0026242	A1	02-06-2003	Jokinen et al.			
	433.	US 2003/0030004	A1	02-13-2003	Dixon et al.			
	434.	US 2003/0046421	A1	03-06-2003	Horvitz et al.			
	435.	US 2003/0061260	A1	03-27-2003	Rajkumar			
	436.	US 2003/0061311	A1	03-27-2003	Lo			
	437.	US 2003/0063656	A1	04-03-2003	Rao et al.	+		

- [	*Examiner	Date	
- 1	Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute	for form 1449A/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			OSURE	Application Number	10/067,496	
				Filing Date	February 4, 2002	
SIAI				First Named Inventor	Ghobad HEIDARI	
	(use as many sheets a	s necessary)		Art Unit	2611	
				Examiner Name	Don Nguyen Vo	
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		U.S. Patent Document				Pages, Columns, Lines,
Examiner Initials	Cite No.1	Number Kind Code <sup>2</sup> (if know	wn)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear
	438.	US 2003/0076815	A1	04-24-2003	Miller et al.	
	439.	US 2003/0099223	A1	05-29-2003	Chang et al.	
	440.	US 2003/0102889	A1	06-05-2003	Master et al.	
	441.	US 2003/0105949	A1	06-05-2003	Master et al.	
	442.	US 2003/0110485	A1	06-12-2003	Lu et al.	
	443.	US 2003/0142818	A1	07-31-2003	Raghunathan et al.	
	444.	US 2003/0154357	A1	08-14-2003	Master et al.	
	445.	US 2003/0163723	A1	08-28-2003	Kozuch et al.	
	446.	US 2003/0172138	A1	09-11-2003	McCormack et al.	
	447.	US 2003/0172139	A1	09-11-2003	Srinivasan et al.	
	448.	US 2003/0200538	A1	10-23-2003	Ebeling et al.	
	449.	US 2003/0212684	A1	11-13-2003	Meyer et al.	
	450.	US 2004/0006584	A1	01-08-2004	Vandeweerd	
	451.	US 2004/0010645	A1	01-15-2004	Scheuermann et al.	
	452.	US 2004/0015970	A1	01-22-2004	Scheuermann	
	453.	US 2004/0025159	A1	02-05-2004	Scheuermann et al.	
	454.	US 2004/0057505	A1	03-25-2004	Valio	
	455.	US 2004/0062300	A1	04-01-2004	McDonough et al.	
	456.	US 2004/0081248	A1	04-29-2004	Parolari	
	457.	US 2004/0093479	A1	05-13-2004	Ramchandran	
	458.	US 2004/0168044	A1	08-26-2004	Ramchandran	
	459.	US 2005/0166038	A1	07-28-2005	Wang et al.	
	460.	US 2005/0198199	A1	09-08-2005	Dowling	
	461.	US 2006/0031660	A1	02-09-2006	Master et al.	

	FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Foreign Patent Doc	ument	Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines, Where				
		Country Code <sup>3</sup> Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)		Applicant of Cited Document	Relevant Passages To or Relevant Figures Appear	Te.			
	462.	DE 100 18 374	A1	10-18-2001	Rudolph	Abstract in English				
	463.	EP 0 166 586	B1	01-02-1991	Alistair					
·	464.	EP 0 236 633	B1	05-08-1991	Alistair					
	465.	EP 0 301 169	A1	02-01-1989	Alistair					
	466.	EP 0 478 624	B1	04-08-1992	Alistair et al.					
	467.	EP 0 479 102	A2	04-08-1992	Emdadur					
	468.	EP 0 661 831	A2	07-05-1995	Kaku et al.					

'Examiner	 Date	
Signature	Considered	

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			FORE	IGN PATENT DO	CUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Docu	iment Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Cohimns, Lines, Where Relevant Passages or Relevant Figures Appear	Т¢
	469.	EP 0 668 659	A2	08-23-1995	Austin		
	470.	EP 0 690 588	A2	01-03-1996	Hulbert et al.		
	471.	EP 0 691 754	A2	01-10-1996	Latva-Aho et al.		-
	472.	EP 0 768 602	A2	04-16-1997	Nakano et al.		
	473.	EP 0 817 003	A2	01-07-1998	Beheler		
	474.	EP 0 821 495	A2	01-28-1998	Takagi et al.		
	475.	EP 0 866 210	A2	09-23-1998	Haberer et al.	Abstract in English	
	476.	EP 0 923 247	A2	06-16-1999	Shimizu		
	477.	EP 0 926 596	A2	06-30-1999	Hurd		
	478.	EP 1 056 217	A2	11-29-2000	Lee		
	479.	EP 1 061 437	A1	12-20-2000	Arcidiacono et al.		
	480.	EP 1 061 443	A2	12-20-2000	Neogi		
	481.	EP 1 126 368	A2	08-22-2001	Anderson et al.		
	482.	EP 1 150 506	A2	10-31-2001	Ikonen et al.		
	483.	EP 1 189 358	A1	03-20-2002	Lee et al.		
	484.	GB 2 067 800	A	07-30-1981	Lewin		
	485.	GB 2 237 908	A	05-15-1991	Parkes		
	486.	JP 10254696		09-25-1998	Yukito et al.	Abstract in English	
	487.	JP 62-249456		10-30-1987	Katsunari	Abstract in English	
	488.	JP 63-147258		06-20-1988	Noozenchiyatsuku et al.	Abstract in English	
	489.	JP 4-51546		02-20-1992	Takashi	Abstract in English	
	490.	JP 7-064789		03-10-1995	Yasunobu	Abstract in English	
	491.	JP 2001-053703		02-23-2001	Junichi et al.	Abstract in English	
	492.	JP 11296345		10-29-1999	Hiromi et al.	Abstract only	
	493.	JP 2000315731		11-14-2000	Cameron et al.	Abstract only	
	494.	JP 10233676		09-02-1998	Reddy et al.	Abstract only	
	495.	JP 7066718		03-10-1995	Sunaidaa	Abstract only	
	496.	WO 00/19311	A1	04-06-2000	Ganapathy	1 1	

*Examiner	Date	
Signature	Conside	red

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449A/PTO 10/067,496 INFORMATION DISCLOSURE Application Number February 4, 2002 Filing Date STATEMENT BY APPLICANT Ghobad HEIDARI First Named Inventor (use as many sheets as necessary) Art Unit Don Nguyen Vo Examiner Name Sheet 15 of 22 Attorney Docket Number 046301/053000 QST-053 US

Examiner Initials	Cite No.1	Foreign Patent Docu Country Code <sup>3</sup> Number <sup>4</sup>	Mind Code <sup>5</sup> (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т¢
	497.	WO 00/65855	A1	11-02-2000	Hook et al.	Пррсаг	
	498.	WO 00/69073	A1	11-16-2000	Wasson		
	499.	WO 01/11281	A1	02-15-2001	Carvalho et al.		
-	500.	WO 01/22235	A1	03-29-2001	Hanrahan et al.		
	501.	WO 01/76129	A2	10-11-2001	Carswell		
	502.	WO 02/12978	A2	02-14-2002	Juan		
	503.	WO 89/05029	A1	06-01-1989	Weiley		
	504.	WO 89/11443	A2	11-30-1989	Scott et al.		
	505.	WO 91/00238	A1	01-10-1991	Scott et al.		
	506.	WO 93/13603	A1	07-08-1993	Keith	. "	
	507.	WO 95/11855	A1	05-04-1995	Motta et al.		
	508.	WO 96/33558	A1	10-24-1996	Tucker et al.		_
	509.	WO 98/32071	A3	07-23-1998	Landers et al.		
	510.	WO 99/03776	A1	01-28-1999	Biddlestone et al.		
	511.	WO 99/21094	A2	04-29-1999	Ledzius		
	512.	WO 99/26860	A1	06-03-1999	Dale		
	513.	WO 99/65818	A1	12-23-1999	Judge		
	1						

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2			
	514.	ABNOUS et al., "Ultra-Low-Power Domain-Specific Multimedia Processors," VLSI SIGNAL PROCESSING, IX, 1998, IEEE WORKSHOP IN SAN FRANCISCO, CA, USA, 30 Oct 1 Nov. 1998, pp. 461–470 (October 30, 1998)				
	515.	AGGARWAL et al, "Efficient Huffman Decoding," International Conference on Image Processing IEEE 1:936–939 (September 10-13, 2000)				
	516.	ALLAN et al., "Software Pipelining," ACM Computing Surveys, 27(3):1–78 (Sept. 1995)				
	517.	ALSOLAIM et al., "Architecture and Application of a Dynamically Reconfigurable Hardware Array for Future Mobile Communication Systems," Field Programmable Custom Computing Machines, 2000 IEEE Symposium, Napa Valley, Los Alamitos, CA. IEEE Comput. Soc. pp. 205–214 (April 17-19, 2000)				

Examiner	Date	
Signature	Considered	

<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²				
	518.	ASHENDEN et al., "The VHDL Cookbook," Dept. Computer Science, University of					
	5101	Adelaide, South Australia. Downloaded from http://tams-www.informatik.uni-					
		hamburg.de/vhdl/doc/cookbook/VHDL-Cookbook.pdf on December 7, 2006 (July					
	ļ	1990)	1				
	519.	BACON et al., "Compiler Transformations for High-Performance Computing," ACM					
	ļ	Computing Surveys 26(4):368–373 (Dec. 1994)					
	520.	BALASUBRAMONIAN et al., "Reducing the Complexity of the Register File in					
		Dynamic Superscalar Processors," Proceedings of the 34th Annual ACM/IEEE					
		International Symposium on Microarchitecture, pp. 237-248 (December 1, 2001)	ļ <u>.</u>				
	521.	BANERJEE et al., "A MATLAB Compiler for Distributed, Heterogeneous,	Ì				
		Reconfigurable Computing Systems," 2000 IEEE Symposium, pp. 39–48, (April 17-19,					
	ļ	2000)	ļ				
	522.	BAPTE et al., "Uniform Execution Environment for Dynamic Reconfiguration," Darpa					
	1	Adaptive Computing Systems,					
		http://isis.vanderbilt.edu/publications/archive/babty_T_#_0_1999_Uniform_Ex.pdf,					
	ļ	pp. 1–7 (1999)					
	523.	BAUMGARTE et al., "PACT XPP - A Self-Reconfigurable Data Processing	ł				
		Architecture," NN www.pactcorp.com/sneu/download/ersa01.pdf; retrieved on					
	<del>                                     </del>	11/25/2005 (June 25, 2001)	ļ				
	524.	BECKER et al., "An Application-Tailored Dynamically Reconfigurable Hardware					
	Ī	Architecture for Digital Baseband Processing," IEEE Conference Proceedings Article pp.					
	<del> </del>	341–346 (September 18, 2000)	<u> </u>				
	525.	BECKER et al., "Design and Implementation of a Coarse-Grained Dynamically Reconfigurable Hardware Architecture," VLSI 2001, Proceedings IEEE Computer Soc.					
		Workshop, Piscataway, NJ, USA, pp. 41–46 (April 19-20, 2001)					
		BEVSTAR, BevStar Bottled Water Model Advertisement Automatic Merchandiser at					
	526.	www.AMonline.com (2005)					
		BEVSTAR, BevStar Point of Use Water Model Advertisement Automatic Merchandiser at	1				
	527.	www.AMonline.com (2005)					
	<del>  </del>	BISHOP & LOUCKS, "A Heterogeneous Environment for Hardware/Software	ļ				
	528.	Cosimulation," Proceedings of the 30th Annual Simulation Symposium, pp. 14–22 (April					
		7-9, 1997)	ļ				
		BRAKENSIEK et al., "Re-Configurable Multi-Standard Terminal for Heterogeneous	<del>                                     </del>				
	529.	Networks," Radio and Wireless Conference, Rawcon 2002 IEEE. pp. 27–30 (2002)					
	530.	BROWN et al., "Quick PDA Data Exchange," PC Magazine pp. 1–3 (May 22, 2001)	<u> </u>				
		BUCK et al., "Ptolemy: A Framework for Simulating and Prototyping Heterogeneous	<del> </del>				
	531.	Systems," International Journal of Computer Simulation 4:155–182 (Apr. 1994)					
		BURNS et al., "A Dynamic Reconfiguration Run-Time System," Proceedings of the 5th	<del>                                     </del>				
	532.	Annual Symposium on Field-Programmable Custom Computing Machines, pp. 1 66–75					
	1	(April 16, 1997)					

*Examiner	Date	
Signature	I Conside	red

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	533.	BUSINESS WIRE, "Whirlpool Internet-Enabled Appliances to Use Beeline Shopper	
		Software Features," http://www.whirlpoocorp.com/news/releases/release.asp?rid=90	
		(February 16, 2001)	
	534.	BUTTAZZO et al., "Optimal Deadline Assignment for Scheduling Soft Aperiodic Tasks	
		in Hard Real-Time Environments," Engineering of Complex Computer Systems,	
		Proceedings of the Third IEEE International Conference on Como, pp 39–48	
	1	(September 8, 1997)	
	535.	CALLAHAN et al., "Adapting Software Pipelining for Reconfigurable Computing," in	
		Proceedings of the International Conference on Compilers, Architectrue and Synthesis	
	-	for Embedded Systems p. 8, ACM (CASES '00, San Jose, CA) (November 17-18, 2000)	
	536.	CHAPMAN & MEHROTRA, "OpenMP and HPF: Integrating Two Paradigms,"	
		Proceedings of the 4th International Euro-Par Conference (Euro-Par'98), Springer-Verlag	
	-	Heidelberg, Lecture Notes in Computer Science 1470:650–658 (1998)  CHEN et al., "A Reconfigurable Multiprocessor IC for Rapid Prototyping of	-
	537.		
	1	Algorithmic-Specific High-Speed DSP Data Paths," IEEE Journal of Solid-State Circuits, IEEE 35:74–75 (February 1, 2001)	
	<del>                                     </del>	CLARKE, "Embedded Solutions Enters Development Pact with Marconi," EETimes	
	538.	Online (January 26, 2000)	
	<del> </del>	COMPTON & HAUCK, "Reconfigurable Computing: A Survey of Systems and	
	539.	Software," ACM Press, ACM Computing Surveys (CSUR) 34(2):171–210 (Jun. 2002)	
	<u> </u>	COMPTON et al., "Configuration Relocation and Defragmentation for Run-Time	-
	540.	Reconfigurable Computing," Northwestern University,	
		http://citeseer.nj.nec.com/compton00configuration.html, pp. 1–17 (2000)	
	E 41	CONTE et al., "Dynamic Rescheduling: A Technique for Object Code Compatibility in	
	541.	VLIW Architectures," Proceedings of the 28th Annulal International Symposium on	
		Microarchitecture pp. 208–218 (November 29, 1995)	
	542.	CONTE et al., "Instruction Fetch Mechanisms for VLIW Architectures with Compressed	
	342.	Encodings," Proceedings of the Annual IEEE/ACM International Symposium on	
		Microarchitecture (MICRO) 29:201–211 (December 2, 1996)	
	543.	CRAY RESEARCH INC., "Cray T3E Fortran Optimization Guide," Ver. 004-2518-002,	
		Section 4.5 (Jan. 1999)	
	544.	CUMMINGS et al., "FPGA in the Software Radio," IEEE Communications Magazine.	
		37(2):108–112 (Feb. 1999)	
	545.	DANDALIS et al., "An Adaptive Cryptograhic Engine for IPSec Architectures," IEEE	
		pp. 132–141 (Jan. 2000)	<u>L_</u>
	546.	DAVID et al., "DART: A Dynamically Reconfigurable Architecture Dealing with Future	
	5.0.	Mobile Telecommunication Constraints," Proceedings of the International Parallel and	
		Distributed Processing Symposium pp. 156–163 (April 15, 2002)	
	547.	DEEPAKUMARA et al., "FPGA Implementation of MD5 has Algorithm," Canadian	
		Conference on Electrical and Computer Engineering, IEEE (2001)	
	548.	DEHON et al., "Reconfigurable Computing: What, Why and Implications for Design	
		Automation," Design Automation Conference Proceedings pp. 610-615 (1999)	1

*Examiner	Date	
Signature	Considered	

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
	549.	DIPERT, "Figuring Out Reconfigurable Logic," EDN 44(16):107-114 (August 5, 1999)	
	550.	DOMINIKUS, "A Hardware Implementation of MD4-Family Hash Algorithms," 9th International Conference on Electronics, Circuits and Systems IEEE (2002)	-
	551.	DORBAND, "aCe C Language Reference Guide," Online (Archived Mar. 2001), http://web.archive.org/web/20000616053819/http://newton.gsfc.nasa.gov/aCe/aCe_dir/aCe_cc_Ref.html (Mar. 2001)	
	552.	DROZDOWSKI, "Scheduling Multiprocessor Tasks - An Overview," Instytut Informatyki Politechnika, pp. 1–31 (January 31, 1996)	
	553.	EBELING et al., "RaPiD Reconfigurable Pipelined Datapath," Springer-Verlag, 6th International Workshop on Field-Programmable Logic and Applications pp. 126–135 (1996)	
	554.	FAWER et al., "A Multiprocessor Approach for Implementing a Time-Diversity Spread Specturm Receiver," Proceeding sof the 1990 International Zurich Seminal on Digital Communications, pp. 173–180 (March 5-8, 1990)	
	555.	FISHER, "Gone Flat," Forbes pp. 76-79 (October 2001)	
	556.	FLEISCHMANN et al., "Prototyping Networked Embedded Systems," Integrated Engineering, pp. 116–119 (Feb. 1999)	
	557.	FORBES "Best of the Web - Computer Networking/Consumer Durables," The Forbes Magnetic 40 p. 80 (May 2001)	
	558.	GIBSON, "Fresh Technologies Will Create Myriad Functions," FT Information Technology Review; World Wide Web at http://technews.acm.org/articles/2000- 2/0301w.html?searchterm=%22fresh+technologies%22 (March 1, 2000)	
	559.	GLUTH, "Integrierte Signalprozessoren," Elektronik 35(18):112–118 Franzis Verlag GMBH, Munich, Germany (September 5, 1986)	
	560.	GOKHALE & SCHLESINGER, "A Data Parallel C and Its Platforms," Proceedings of the Fifth Symposium on the Frontiers of Massively Parallel Computation pp.194–202 (Frontiers '95) (Feb. 1995)	
	561.	GRIMM et al., "A System Architecture for Pervasive Computing," Washington University, pp. 1–6 (Sept. 2000)	
	562.	HALBWACHS et al., "The Synchronous Data Flow Programming Language LUSTRE," Proceedings of the IEEE 79(9):1305–1319 (Sep. 1991)	
	563.	HAMMES et al., "Cameron: High Level Language Compilation for Reconfigurable Systems," Proc. of the Intl. Conf. on Parallel Architectures and Compilation Techniques, pp. 236–244 (Oct. 1999)	
	564.	HARTENSTEIN, "Coarse Grain Reconfigurable Architectures," Design Automation Conference, 2001. Proceedings of the ASP-Dac 2001, Asian and South Pacific January 30, 2001- Februray 2, 2001, Piscataway, Nj, US, IEEE, pp. 564–569 (January 30, 2001)	
	565.	HEINZ, "An Efficiently Compilable Extension of {M} odula-3 for Problem-Oriented Explicitly Parallel Programming," Proceedings of the Joint Symposium on Parallel Processing (May 1993)	

Examiner	Date	
Signature	Considered	

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute	Substitute for form 1449A/PTO		Complete if Known		
INFORMATION DISCLOSURE				Application Number	10/067,496
STATEMENT BY APPLICANT				Filing Date	February 4, 2002
				First Named Inventor	Ghobad HEIDARI
	(use as many sheets a	s necessary)		Art Unit	2611
		_		Examiner Name	Don Nguyen Vo
Sheet	19	of	22	Attorney Docket Number	046301/053000 QST-053 US

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
	566.	Hinden et al., "The DARPA Internet: Interconnecting Heterogeneous Computer Networks with Gateways," IEEE Computer Magazine pp. 38–48 (1983)	
	567.	HORTON, "Beginning Java 2: JDK 1.3 Edition," Wrox Press, Chapter 8, pp. 313-316	
	568.	(Feb. 2001)  HUFF et al., "Lifetime-Sensitive Modulo Scheduling," 6th Conference on Programming	
		Language, Design and Implementation, pp. 258–267, ACM (1993)  IBM, "Multisequencing a Single Instruction Stream Scheduling with Space-time Trade-	
	569.	offs," IBM Technical Disclosure Bulletin 36(2):105-108 (February 1, 1993)	
	570.	IEEE, "IEEE Standard Verilog Hardware Description Language," downloaded from http://inst.eecs.berkeley.edu/~cs150/fa06/Labs/verilog-ieee.pdf on December 7, 2006 (Sept. 2001)	
	571.	INTERNET WIRE, Sunbeam Joins Microsoft in University Plug and Play Forum to Establish A "Universal" Smart Appliance Technology Standard (March 23, 2000)	
	572.	ISHII et al., "Parallel Variable Length Decoding with Inverse Quantization for Software MPEG-2 Decoders," Workshop on Signal Processing Systems, Design and Implementation, IEEE pp. 500–509 (November 3-5, 1997)	
	573.	ISOWORTH, "Isoworth Beverage Dispensing Technology Worldwide Company," Brochure (May 22, 2000)	
	574.	JAIN et al., "An Alternative Approach Towards the Design of Control Units," Microelectronics and Reliability 24(6):1009–1012 (1984)	
	575.	JAIN, "Parallel Processing with the TMS320C40 Parallel Digital Signal Processor," Sonitech International Inc., pp. 13–46. Retrieved from: http://www-s.ti.com/sc/psheets/spra031/spra031.pdf retrieved on 4/14/2004 (Feb. 1994)	
	576.	JANSSEN et al., "Partitioned Register File for TTAs," Proceedings of the 28th Annual International Symposium on Microarchitecture, pp. 303–312 (November 1995)	
	577.	JONG-PYNG et al., "Real-Time Virtual Channel Flow Control," Proceedings of the Annual International Phoenix Conference on Computers and Communications, Conf. 13, pp. 97–103 (April 12, 1994)	
	578.	JUNG et al., "Efficient Hardware Controller Synthesis for Synchronous Dataflow Graph in System Level Design," Proceedings of the 13th International Symposium on System Synthesis pp.79–84 (ISSS'00) (Sep. 2000)	
	579.	KAUFMANN et al., "Digital Spread-Spectrum Multipath-Diversity Receiver for Indoor Communication," from Pioneers to the 21st Century; Denver, Proceedings of the Vehicular Technology Socity [sic] Conference, NY, IEEE, US 2(Conf. 42):1038–1041 (May 10-13, 1992)	
	580.	KNEIP et al., "An Algorithm Adapted Autonomous Controlling Concept for a Parallel Single-Chip Digital Signal Processor," Journal of VLSI Signal Processing Systems for Signal, Image, an dVideo Technology 16(1):31–40 (May 1, 1997)	
	581.	LEE & MESSERSCHMITT, "Pipeline Interleaved Programmable DSP's: Synchronous Data Flow Programming," IEEE Transactions on Acoustics, Speech, and Signal Processing ASSP-35(9):1334–1345 (Sep. 1987)	

'Examiner	Date	
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	582.	LEE & MESSERSCHMITT, "Synchronous Data Flow," Proceedings of the IEEE 75(9):1235–1245 (Sep. 1987)	
	583.	LEE & PARKS, "Dataflow Process Networks," Proceedings of the IEEE 83(5):773-799	ļ <u>-</u>
		(May 1995)	
	584.	LIU et al., "Scheduling Algorithms for Multiprogramming in a Hard-Real-Time	
	ļ	Environment," Journal of the Association for Computing 20(1):46-61 (1973)	<u> </u>
	585.	LLOSA et al., "Lifetime-Sensitive Modulo Scheduling in a Production Environment,"	
		IEEE Trans. on Comps. 50(3):234–249 (Mar. 2001)	
	586.	Lu et al., "The Morphosys Dynamically Reconfigurable System-On-Chip," Proceedings of	
		the First NASA/DOD Workshop on Evolvable Hardware, pp. 152-160 (July 19, 1999)	
	587.	MANGIONE-SMITH et al., "Seeking Solutions in Configurable Computing," Computer	
		30(12):38-43 (Dec. 1997)	
	588.	MANION, "Network CPU Adds Spice," Electronic Engineering Times, Issue 1126	
	ļ	(August 14, 2000)	
	589.	MASCIA & ISHII., "Neural Net Implementation on Single-Chip Digital Signal	
		Processor," IEEE (1989)	
	590.	MCGRAW, "Parallel Functional Programming in Sisal: Fictions, Facts, and Future,"	
		Lawrence Livermore National Laboratory pp.1-40 (Jul. 1993)	
	591.	NAJJAR et al., "High-Level Language Abstraction for Reconfigurable Computing,"	
		Computer 36(8):63-69 (Aug. 2003)	
	592.	NICHOLS et al., "Data Management and Control-Flow Constructs in a SIMD/SPMD	
	0,7	Parallel Language/Compiler," Proceedings of the 3rd Symposium on the Frontiers of	
		Massively Parallel Computation pp.397-406 (Oct. 1990)	
	593.	OPENMP ARCHITECTURE REVIEW BOARD, "OpenMP C and C++ Application	
	0,0.	Program Interface," pp. 7–16 (Oct. 1998)	
	594.	ORACLE CORPORATION, "Oracle8i JDBC Developer's Guide and Reference,"	
	3, 1.	Release 3, 8.1.7, pp. 10-8 - 10-10 (Jul. 2000)	
	595.	PAUER et al., "Algorithm Analysis and Mapping Environment for Adaptive Computing	
	] 3,3.	Systems: Further Results," Proc. IEEE Symposium on FPGA's for Custom Computing	
		Machines (FCCM), Napa CA (1999)	
	596.	PAUER et al., "Algorithm Analysis and Mapping Environment for Adaptive Computing	
	370.	Systems," Presentation slides, Third Bi-annual Ptolemy Miniconference (1999)	
	597.	RAMAMRITHAM et al., "On Scheduling Algorithms for Real-Time Multiprocessor	
	""	Systems," Algorithms and Applications, Proceedings of the International conference on	
	1	Parallel Processing 3:143–152 (August 8, 1989)	
	598.	SCHNEIDER, "A Parallel/Serial Trade-Off Methodology for Look-Up Table Based	
	390.	Decoders," Proceedings of the Design Automation Conference 34:498–503 (June 9-13,	
		1997)	[

*Examiner	Date	
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	599.	SIDHU et al., "A Self-Reconfigurable Gate Array Architecture," 10 International	
		Workshop on Field Programmable Logic and Applications	
		http://coblitz.codeen.org:3125/citeseer.ist.psu.edu/cache/papers/cs/17524/http:zSzzSz	
		maarcii.usc.eduzSzPublicationsZSzsidhu_fp100.pdf/sidhu00selfreconfigurable.pdf	
		retrieved on 06/21/06 (September 1, 2001)	
	600.	SMITH, "Intro to ASICs: ASIC Cell Libraries," at	
		http://iroi.seu.edu.cn/books/asics/Book2/CH01/CH01.5.htm, printed on February 4,	
		2005 (June 1997)	
	601.	SOUZA, "Computing's New Face Reconfigurable Devices Could Rattle Supply	
	ļ	Chain," Electronic Buyers' News Issue 1205, pg. P.1 (April 3, 2000)	
	602.	SOUZA, "Quicksilver Buys White Eagle," Electronic Buyers News, Issue 1220 (July 17,	
		2000)	
	603.	SRIRAM et al., "MPEG-2 Video Decoding on the TMS320C6X DSP Architecture,"	
		Conference Record of the 32nd Asilomar Conference on Signals, Systems, and	
		Computers, IEEE pp. 1735–1739 (November 1-4, 1998)	
	604.	STEINER, "Coke Chief's Latest Daft Idea - A Cola Tap in Every House," Sunday Times	
		(March 2001)	
	605.	SUN MICROSYSTEMS, "FORTRAN 3.0.1 User's Guide, Revision A," pp. 57–68 (Aug.	
		1994)	
	606.	SVENSSON, "Co's Join On Home Web Wiring Network," Associated Press Online	
		printed on April 30, 2008 (June 2000)	
	607.	TANG et al., "Thread Partitioning and Scheduling Based on Cost Model," Proceedings of	
		the Ninth Annual ACM Symposium on Parallel Algorithms and Architectures, pp. 272-	
		281 Retrieved from: http://doi.acm.org/10.1145/258492.2585 retrieved on 8/25/2004	
		(1997)	
	608.	Vaya, "VITURBO: A Reconfigurable Architecture for Ubiquitous Wireless Networks," A	
	***	Thesis Submitted in Partial Fulfillment of the Requirements for the Degree Master of	
_		Science; RICE University (August 2002)	
	609.	WANG et al., "Cell Search in W-CDMA," IEEE Journal on Selected Areas in	
		Communications 18(8):1470–1482 (Aug. 2000)	
	610.	WARDELL, "Help for Hurried Cooks?," Popular Science, p. 32 (May 2000)	
	611	WHITING & PASCOE, "A History of Data-Flow Languages," IEEE Annals of the	
	611.	History of Computing 16(4):38–59 (1994)	
	(10	WILLIAMSON & LEE, "Synthesis of Parallel Hardware Implementations from	<del>                                     </del>
	612.	Synchronous Dataflow Graph Specifications," Conference Record of the Thirtieth	
		Asilomar Conference on Signals, Systems and Computers 1340–1343 (Nov. 1996)	
	(12	WIRTHLIN et al., "A Dynamic Instruction Set Computer," Proceedings of the IEEE	
	613.	Symposium on FPGA's for Custom Computing Machines, pp. 99–107 (April 21, 1995)	
	<del></del>	WWW.APPLIANCEMAGAZINE.COM, World Wide Web at	
	614.	http://web.archive.org/web/20000511085402/http://www.appliancemagazine.com/	
	<u> </u>	printed on April 30, 2008	

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	615.	WWW.BESTROM.COM, BreakMateTM from www.bestrom.com printed on April 29, 2008				
	616.	WWW.BEVERAGEEXPRESS.COM, Beverage Express from				
		www.beverageexpress.com printed on April 30, 2008				
	617.	WWW.BEVSTAR.COM, Isoworth Beverage Dispensing Technology Worldwide from www.bevstar.com printed on April 30, 2008				
	618.	WWW.BONATOR.COM, from The World Wide Web at	i — —			
		http://web.archive.org/web/20000510102440/http://www.bonator.com/ printed on April 30, 2008				
	619.	WWW.ECOMMERCE.DEWPOINTINC.COM, Swiss Mountain Coffees from www.ecommerce.dewpointinc.com printed on April 30, 2008				
	620.	WWW.GATEWAY.COM, World Wide Web, http://web.archive.org/web/20000229192734/www.gateway.com/productpages/9300sp lash/index.shtml Available on March 3, 2000, 1 page (March 3, 2000)				
	621.	WWW.ICL.COM, from the World Wide Web at http://www.icl.com printed on April 30, 2008				
	622.	WWW.MARGHERITA2000.COM; from Margherita2000.com printed April 30, 2008 (January 26, 2001)				
	623.	WWW.SODACLUBENTERPRISES.COM, Soda-Club Enterprises from www.sodaclubenterprises.com printed on April 30, 2008				
	624.	WWW.SYMBOL.COM, Symbol from www.symbol.com printed on April 30, 2008				
	625.	WWW.WUNDERBAR.COM, Wunder-Bar Dispensing Systems from www.wunderbar.com printed on April 30, 2008				
	626.	XILINX, "Virtex-II Pro Platform FPGAs: Functional Description DS083-2 (v2.5)," Product Specification, pp. 13–46 (January 20, 2003)				
	627.	YOUNG, "Architecture Powers up IPSec, SSL," EETimes, Los Gatos, CA, pp. 1–4 http://www.eetimes.com/story/OEG20011102S0065 (November 2, 2001)				
	628.	YUAN et al., "A Decomposition Approach to Non-Preemptive Real-Time Scheduling," Real Time Systems 6(1):7–35 (1994)				
	629.	ZAINO et al., "Algorithm Analysis and Mapping Environment for Adaptive Computing Systems," Final Technical Report, DARPA Contract F33615-97-C-1174 (Sept. 2001)				
	630.	ZHANG et al., "A 1V Heterogeneous Reconfigurable Processor IC for Baseband Wireless Applications," 2000 IEEE Solid				

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